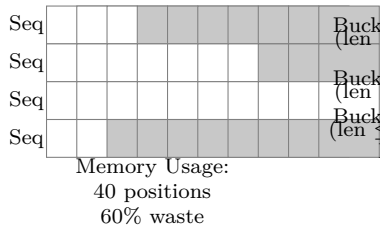
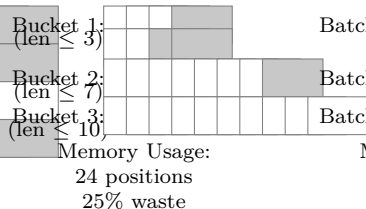


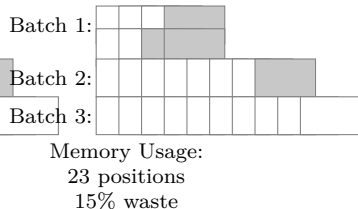
### 1. Naive Padding



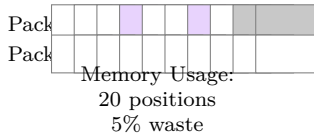
### 2. Length Bucketing



### 3. Dynamic Batching



### 4. Packed Sequences



### 5. Variable Length (Future)



### Performance Comparison

Efficiency

Naive

Bucketing

Dynamic

Packed

Variable

Real Token  
Padding  
Separator

Strategy